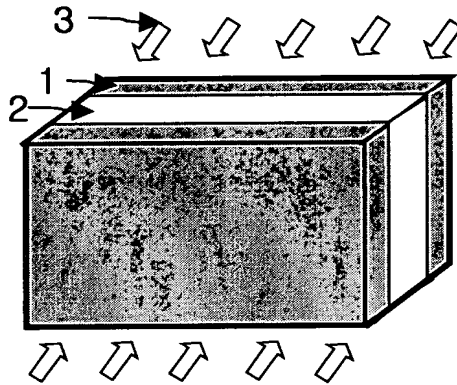
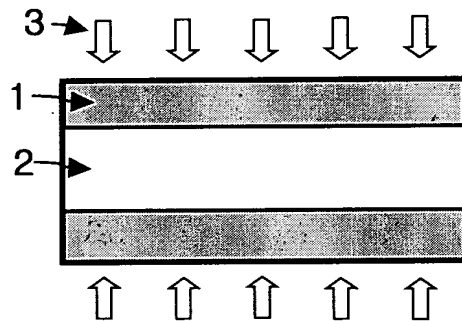


**FIGURES**

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**FIG. 1a****FIG. 1b**

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FIG. 2a

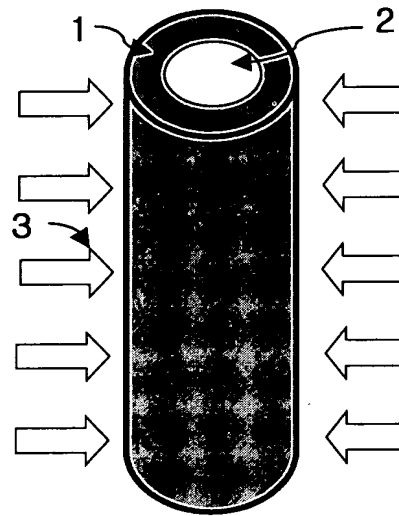
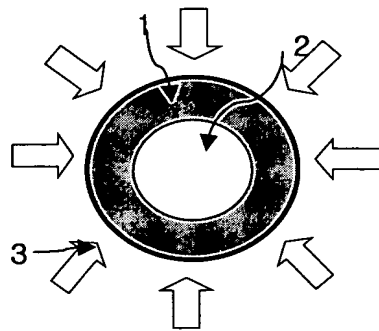


FIG. 2b



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FIG. 3a

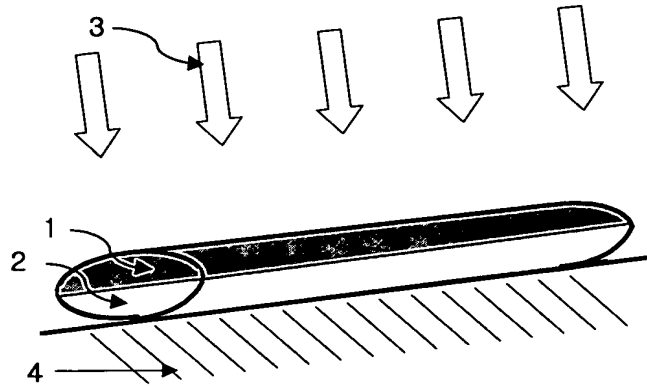
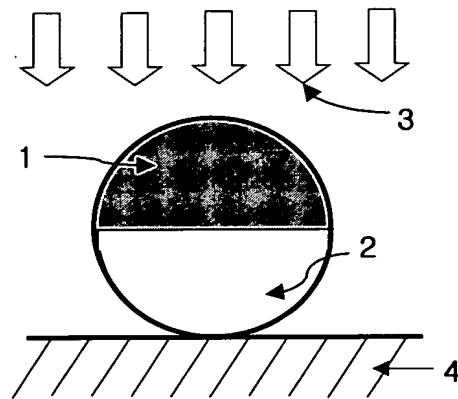


FIG. 3b



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FIG. 4a

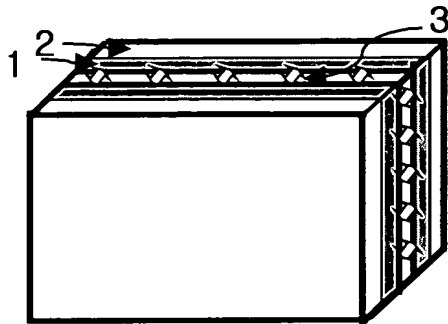
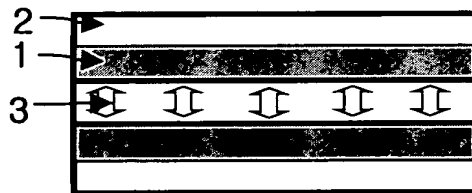


FIG. 4b



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FIG. 5a

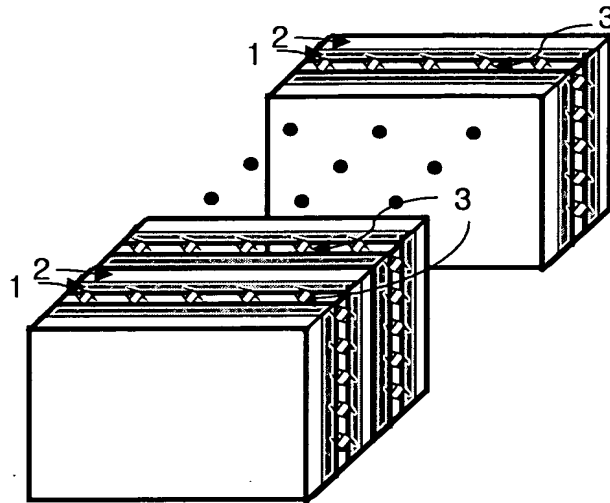
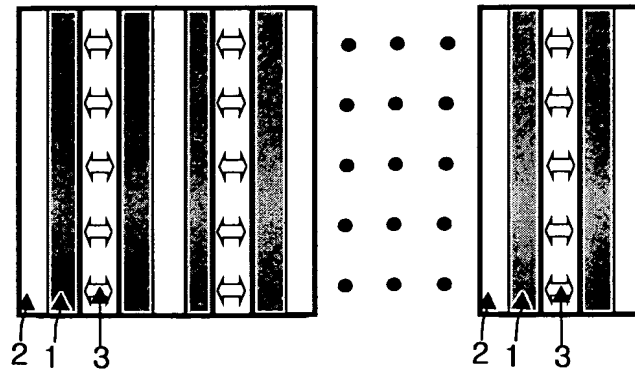


FIG. 5b



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FIG. 6a

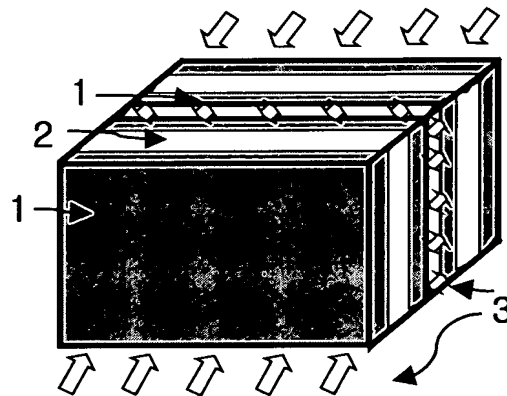
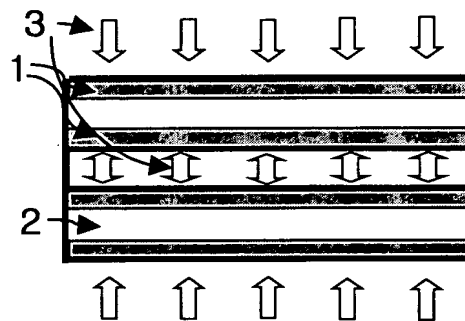


FIG. 6b



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FIG. 7a

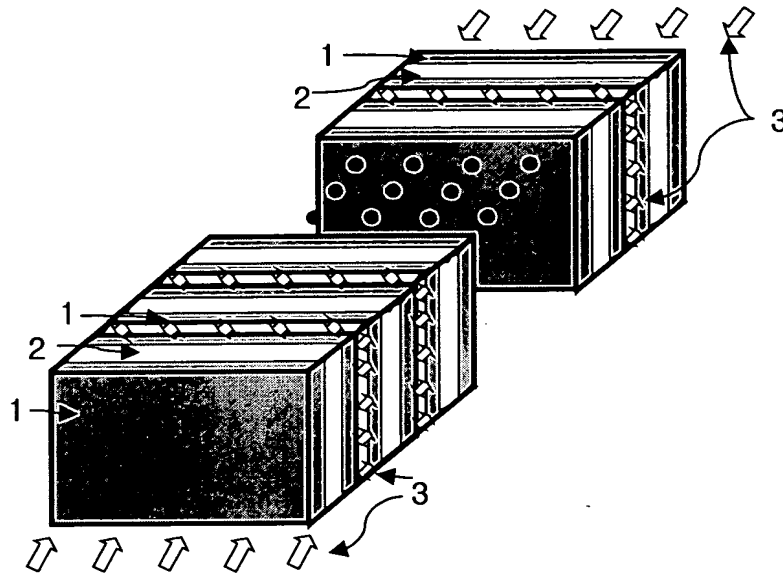
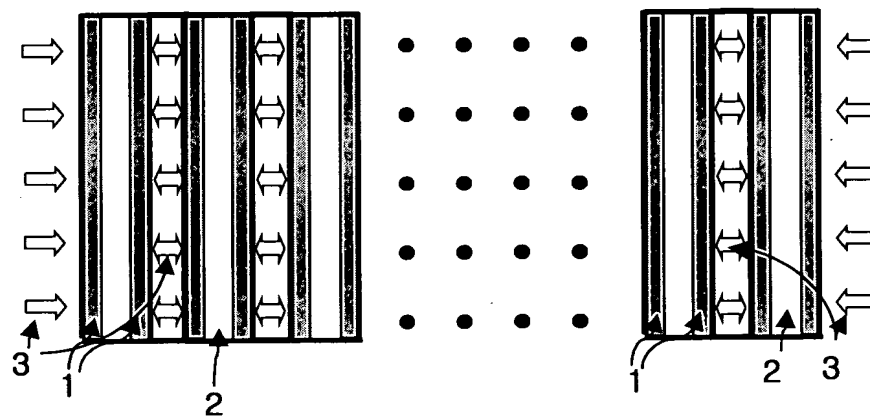


FIG. 7b



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FIG. 8a

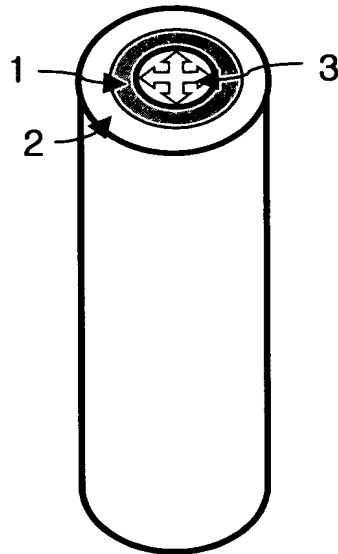
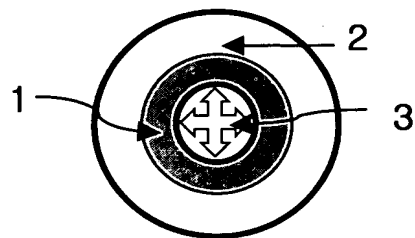


FIG. 8b





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FIG. 9a

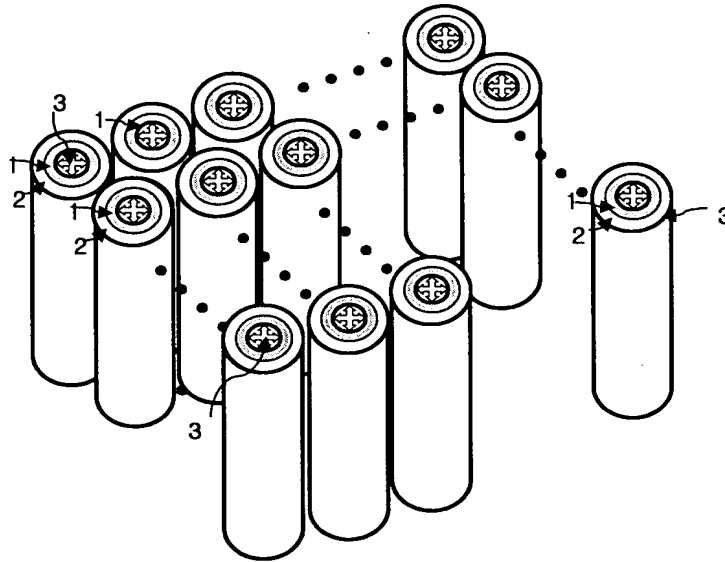
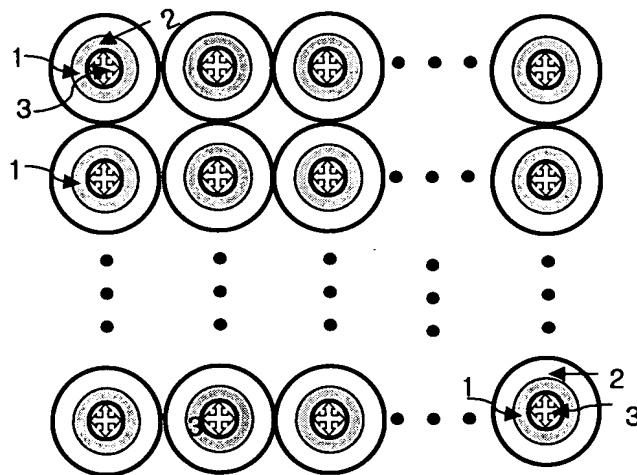


FIG. 9b



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FIG. 10a

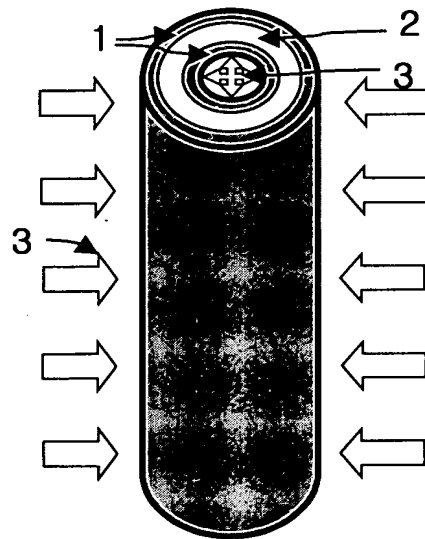
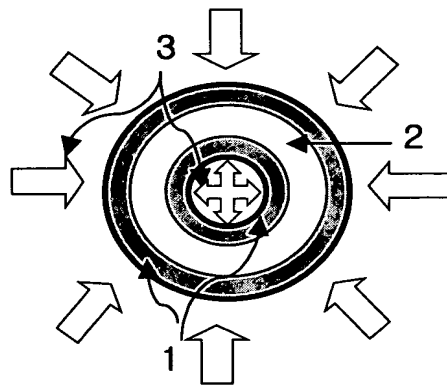


FIG. 10b



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FIG. 11a

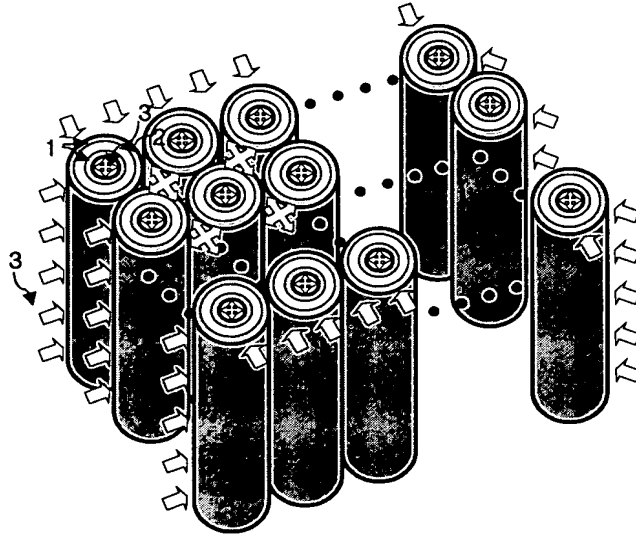
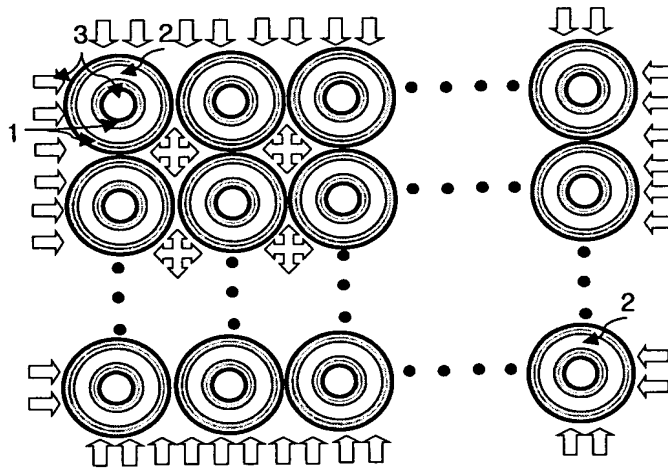


FIG. 11b



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FIG. 12a

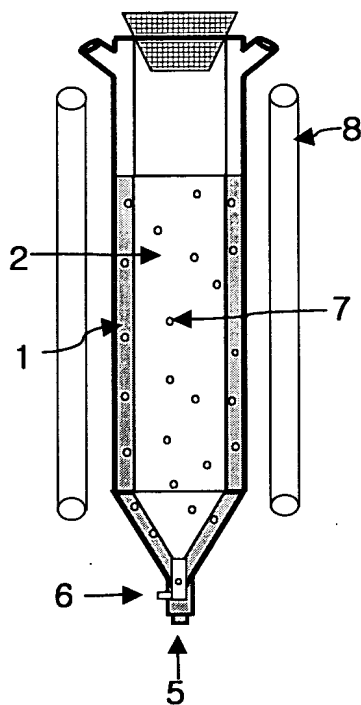
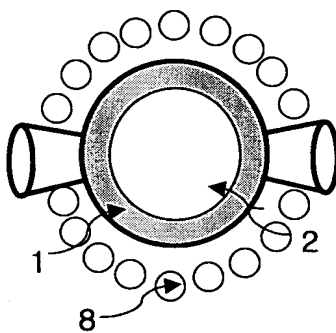
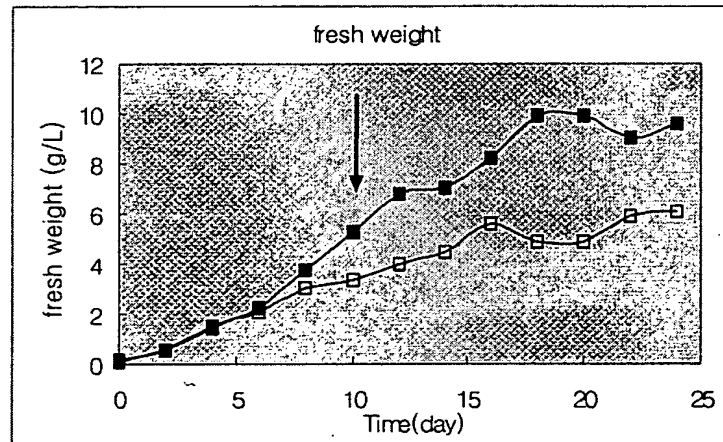


FIG. 12b



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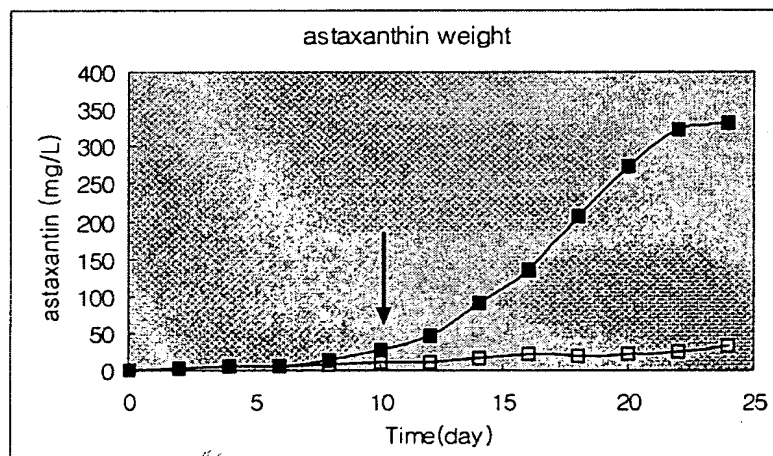
FIG. 12c



■ : Outer Jacket(second culture region)

□ : Inner Core(first culture region)

FIG. 12d



■ : Outer Jacket(second culture region)

□ : Inner Core(first culture region)

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FIG. 13a

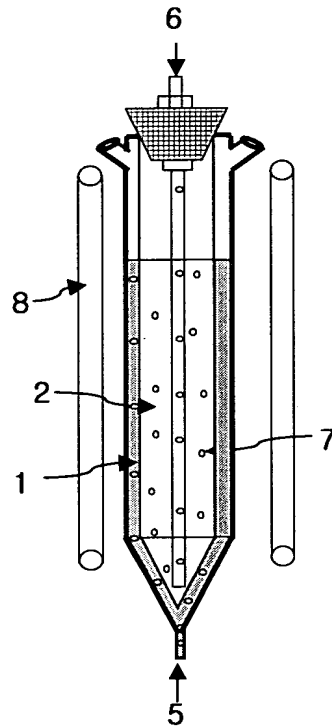
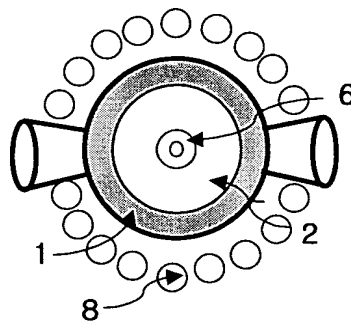
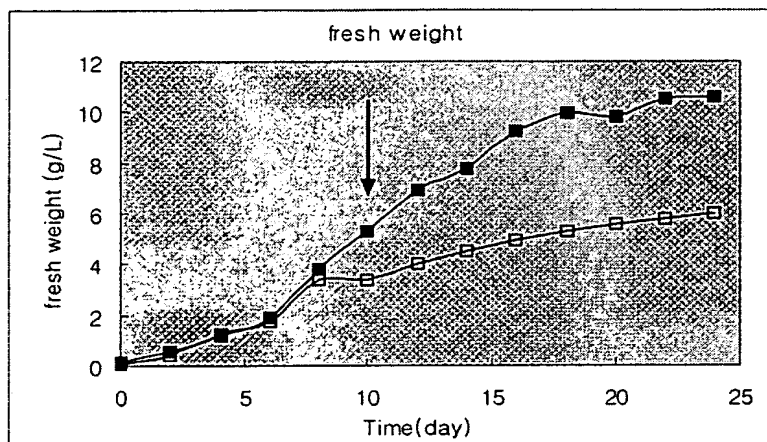


FIG. 13b



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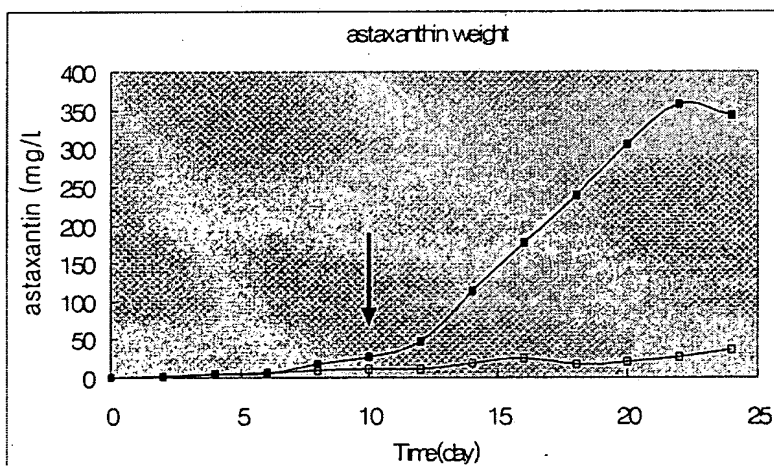
FIG. 13c



■ : Outer Jacket(second culture region)

□ : Inner Core(first culture region)

FIG. 13d

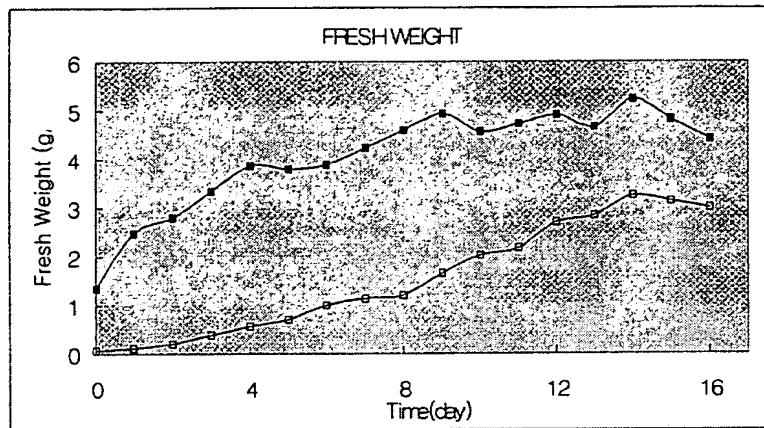


■ : Outer Jacket(second culture region)

□ : Inner Core(first culture region)

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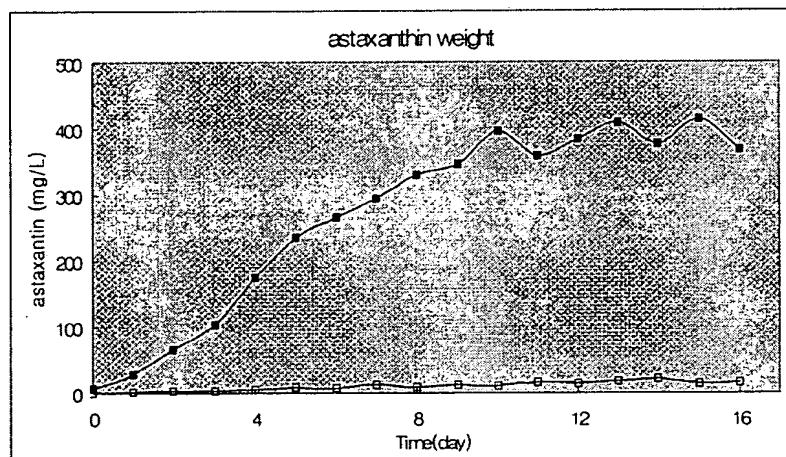
FIG. 14a



■ : Outer Jacket(second culture region)

□ : Inner Core(first culture region)

FIG. 14b



■ : Outer Jacket(second culture region)

□ : Inner Core(first culture region)